

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11524

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61F5/56 A61M16/00 A61B7/00 A61B5/087		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61F A61B A61M		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, BIOSIS, INSPEC		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 363 933 B1 (BERTHON-JONES MICHAEL) 2 April 2002 (2002-04-02) column 7, line 15 -column 17, line 6; figure 2	24-28
X	US 6 105 575 A (MECHLENBURG DOUGLAS M ET AL) 22 August 2000 (2000-08-22) column 16, line 62 -column 17, line 47; figure 10	24-28
X	US 5 803 066 A (NORMAN ROBERT G ET AL) 8 September 1998 (1998-09-08) column 11, line 58 -column 13, line 54; figures 18,23	24-28
-/-		
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
* Special categories of cited documents :		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*G* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center;">12 February 2004</div>		Date of mailing of the international search report <div style="text-align: center;">18/02/2004</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2200 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer <div style="text-align: center;">Ruff, C</div>

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/11524

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 47747 A (BERTHON-JONES MICHAEL ;UJHAZY ANTHONY JOHN (AU); RESMED LTD (AU);) 20 June 2002 (2002-06-20) page 4, line 25 -page 7, line 24; figures 1,6	24-28
P,X	WO 03 059158 A (MEIER JOERG ;BETZL THOMAS (DE); SCHAETZL STEFAN (DE); DANA-MIKA AL) 24 July 2003 (2003-07-24) page 3, line 28 -page 5, line 13	24-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11524

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6363933	B1	02-04-2002	US 6138675 A	31-10-2000
			AU 691200 B2	14-05-1998
			AU 7764194 A	18-05-1995
			DE 69433051 D1	25-09-2003
			EP 0651971 A1	10-05-1995
			EP 0920845 A2	09-06-1999
			EP 0927538 A2	07-07-1999
			EP 0934723 A1	11-08-1999
			US 5704345 A	06-01-1998
			US 6675797 B1	13-01-2004
			US 6029665 A	29-02-2000
US 6105575	A	22-08-2000	US 5794615 A	18-08-1998
			US 5535738 A	16-07-1996
			AU 3080199 A	27-09-1999
			CA 2323455 A1	16-09-1999
			EP 1061981 A1	27-12-2000
			JP 2002505924 T	26-02-2002
			WO 9945989 A1	16-09-1999
			US 2003121519 A1	03-07-2003
			US 6609517 B1	26-08-2003
US 5803066	A	08-09-1998	US 5490502 A	13-02-1996
			US 5335654 A	09-08-1994
			AU 722608 B2	10-08-2000
			AU 1953597 A	28-08-1997
			CA 2245869 A1	14-08-1997
			EP 0956066 A1	17-11-1999
			JP 2000504602 T	18-04-2000
			WO 9728838 A1	14-08-1997
			AU 705270 B2	20-05-1999
			AU 2589595 A	18-12-1995
			AU 9517798 A	28-01-1999
			AU 9517898 A	28-01-1999
			CA 2190488 A1	30-11-1995
			DE 69527783 D1	19-09-2002
			DE 69527783 T2	15-05-2003
			EP 1172123 A2	16-01-2002
			EP 0759791 A1	05-03-1997
			ES 2181781 T3	01-03-2003
			JP 10503943 T	14-04-1998
			WO 9532016 A1	30-11-1995
			US 2003055346 A1	20-03-2003
			US 5546933 A	20-08-1996
			US 5535739 A	16-07-1996
			US 6488634 B1	03-12-2002
			AT 221398 T	15-08-2002
			AU 4240593 A	29-11-1993
			CA 2134242 A1	11-11-1993
			DE 69332169 D1	05-09-2002
			DE 69332169 T2	27-02-2003
			DE 639088 T1	29-06-1995
			DK 639088 T3	25-11-2002
			EP 0639088 A1	22-02-1995
			ES 2180544 T3	16-02-2003
			JP 2752519 B2	18-05-1998
			JP 7504347 T	18-05-1995
			PT 639088 T	29-11-2002

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP 03/11524

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5803066	A		WO 9321982 A1	11-11-1993
			US 6299581 B1	09-10-2001
WO 0247747	A	20-06-2002	WO 0247747 A1	20-06-2002
			AU 2036902 A	24-06-2002
			CA 2430775 A1	20-06-2002
			EP 1349600 A1	08-10-2003
			US 2002185130 A1	12-12-2002
WO 03059158	A	24-07-2003	DE 10164445 A1	10-07-2003
			WO 03059158 A2	24-07-2003